

AMENDMENTS

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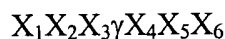
SEP 22 2000

TECH CENTER 1600/2900

I. IN THE CLAIMS

- A. Please amend the following claims by deleting the material in brackets and inserting that which is underlined:

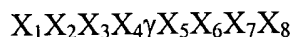
4. (amended) A polyamide of claim 1 having the formula:



wherein γ is [$-\text{NH}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CONH}-$ hairpin linkage derived from γ -aminobutyric acid or] a chiral hairpin linkage derived from R-2,4-diaminobutyric acid; and

[X_1/X_2 , X_3/X_4 , and X_5/X_6] X_1/X_6 , X_2/X_5 , and X_3/X_4 represent three carboxamide binding pairs which bind DNA base pairs wherein at least one binding pair is Hp/Py or Py/Hp and the other binding pair(s) is(are) selected from the group consisting of Py/Im, Im/Py, and Py/Py to correspond to the DNA base pair in the minor groove to be bound.

5. (amended) A polyamide of claim 1 having the formula:



wherein γ is [$-\text{NH}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CONH}-$ hairpin linkage derived from γ -aminobutyric acid or] a chiral hairpin linkage derived from R-2,4-diaminobutyric acid; and

X_1/X_8 , X_2/X_7 , X_3/X_6 , and X_4/X_5 represent four carboxamide binding pairs which bind DNA base pairs wherein at least one binding pair is Hp/Py or Py/Hp and the other binding pair(s) is(are) selected from the group consisting of Py/Im, Im/Py, and Py/Py to correspond to the DNA base pair in the minor groove to be bound.